Progress Report 5 January 1, 2010 through February 5, 2010 for

West Riser Tide Gate Sediment Removal Action Wood-Ridge and Carlstadt, New Jersey

(USEPA No. NJD980529879)

February 26, 2010

Prepared for:

Morton International, Inc.

Prepared by:

PARSONS

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Section 1 – Introduction

This progress report for the West Riser Tide Gate Sediment Removal Action located in the Boroughs of Wood-Ridge and Carlstadt, New Jersey summarizes the status of remedial actions being performed as described in the West Riser Sediment Removal Action Work Plan (SRAWP), approved by the United States Environmental Protection Agency (USEPA) on September 9, 2009. The progress report covers the period from January 1, 2010 and February 5, 2010. The progress report is being submitted pursuant to the Administrative Consent Order (ACO) between Morton International, Inc. and the USEPA as well as the monthly progress reporting requirements of the SRAWP. This report has been prepared in a similar format as that used for the remedial action underway at the adjacent Ventron/Velsicol site.

The components of the remedial action presented in the SRAWP are as follows:

- Cofferdam construction
- By-pass pumping system installation and operation
- Monitoring
- Sediment removal
- Cofferdam removal
- By-pass pumping system breakdown; and
- Site restoration

The progress report is organized as follows:

- Section 1 Introduction:
- Section 2 Remedial Actions Summary;
- Section 3 Permitting Application Status; and
- Section 4 Sampling Results and Waste Generated

Section 2 – Remedial Actions Summary

2.1 Remedial Actions Status

This section summarizes the status of remedial actions at the Site for the reporting period. **Table 1**, attached, provides a summary of remedial actions and the status of each. Remedial actions performed during this period include:

- Related Site Activities
 - Sediment Disposal
 - The disposal of excavated sediment was completed this period, including the disposal of hazardous and non-hazardous sediment. Waste disposal is discussed further in Section 4.
 - Remedial Action Report
 - Work continued this period on the Remedial Action Report.

2.2 Deviations and Modifications

No deviations from or modifications to the SRAWP occurred during this reporting period.

2.3 Remedial Actions to be Performed Next Period

The following remedial actions are scheduled to be performed during the next reporting period (February 5, 2010 to March 5, 2010):

- Related Site Activities
 - The Remedial Action Report will be submitted.

2.4 Schedule of Remedial Activities

The schedule of West Riser SRAWP remedial activities at the Site is provided in Attachment 1.

2.5 Problems or Delays

There were no problems or delays this period.

Section 3 – Permit Application Status

The permit application status for the project is presented in **Table 2.** No permit applications were submitted in this progress report period.

Section 4 - Sampling Results and Waste Generated

4.1 Sampling Results

No sampling results were reported this period.

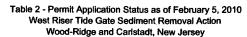
4.2 Waste Generated

Non-hazardous excavated sediments were removed from the Site by truck and sent to the Greentree Landfill operated by Veolia Environmental Services in Kersey, PA for disposal. Mercury impacted sediment with TCLP mercury concentrations at or greater than the RCRA limit of 0.2 mg/l. were removed and sent to the Stablex Canada facility in Blainville, Quebec. A summary of waste sent off-site is included as **Table 3**.

Tables

Table 1 - Remedial Actions between January 1, 2010 and February 5, 2010 West Riser Tide Gate Sediment Removal Action Wood-Ridge and Carlstadt, New Jersey

Remedial Action	Description	Scheduled this Period?	Status	Comments
Cofferdam Construction	Increase Height of Downstream Cofferdam by 6"	No	Completed in a previous period	The 6-inch extension of the downstream cofferdam was completed this period.
Constituction	Cofferdam Removal	No	Completed in a previous period	The upstream and downstream cofferdam were removed.
Installation of by-pass pumping systems Pump installation No		Completed in a previous period	Installation of four 12 inch pumps and two 24-inch diameter pumps was completed.	
Operaton of by-pass pumping systems	Operation of pump system to by-pass space between cofferdams	No	Completed in a previous period	The by-pass system was in operatation this period.
Removal of by-pass pumping systems	Removal of pump system	No	Completed in a previous period	The by-pass system was removed upon the compeletion of backfilling
Sediment removal and	Sediment Excavation	No	Completed in a previous period	Excavation of all zones was completed this period.
Backfilling	Backfilling excavated zones	No	Completed in a previous period	Backfilling of all zones was completed this period
Site Restoration	Site Restoration	No	Completed in a previous period	Topsoil and seed were placed, and erosion controls were implemented.
Related Site Activities	Sediment Disposal	Yes	Completed	Additional analysis of the stockpiled sediments was performed to meet the requirements of the selected disposal facility. Excavated sediment was taken off-site to a waste facility for disposal.
Loiding Oile Withings	Decontamination and Demobilization	Yes	Completed	Site equipment was decontaminated for sediment contaminants and taken off-site.
	Remedial Action Report	Yes	Ongoing	The Remedial Action Report is ongoing.



					, i	Expiration	
Permit Title	Permit Number	Reviewing Agency	Agency Contact	Date Submitted	Approval Date	Date	Comments
Freshwater Wetlands Permit	FWW 090001	LURP/ Dredging Office	Gary Nickerson	6/15/2009	NA	NA	Awaiting approval
Waterfront Development Permit	CDT 090001	LURP/ Dredging Office	Gary Nickerson	6/15/2009	NA	NA	Awaiting approval
Flood Hazard Area Permit	CDT 090002	LURP/ Dredging Office	Gary Nickerson	6/15/2009	NA	NA	Awaiting approval
FAA Permit	630996-109614384	FAA	Robert Alexander	4/29/2009	6/5/2009	12/5/2010	
		Bureau of Tidelands					
Tidelands Instrument	0200-05-0002.3	Management	Bill Kresnosky	7/23/2009	NA NA	NA	Awaiting approval
Soil and Erosion Control Permit	09-B10212	Bergen County Soil	Angeio Caruso	7/15/2009	9/29/2009	NA	
Soil and Erosion Control Permit Rev. 1	09-B10212	Bergen County Soil	Angelo Caruso	11/25/2009	12/11/2009	NA	

Table 3 - Excavated Sediment Disposal as of February 5, 2010 West Riser Tide Gate Sediment Removal Action Wood-Ridge and Carlstadt, New Jersey

Waste Stream ¹	Manifest Number ²	Date Shipped	Quantity (tons)	Disposal Facility ³	Shipping Documen Number
Non-Hazardous Mercury Impacted Sediment	WRTG-0162	1/4/10	22.38	Greentree	ZZ00224430
Non-Hazardous Mercury Impacted Sediment	WRTG-0163	1/4/10	25.28	Greentree	ZZ00224431
Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment	WRTG-0164	1/4/10	25.81	Greentree	ZZ00224432
Non-Hazardous Mercury Impacted Sediment	WRTG-0165 WRTG-0166	1/4/10 1/4/10	22.83 24.57	Greentree Greentree	ZZ00224433
Non-Hazardous Mercury Impacted Sediment	WRTG-0167	1/4/10	23.71	Greentree	ZZ00224434 ZZ00224435
Non-Hazardous Mercury Impacted Sediment	WRTG-0168	1/4/10	25.12	Greentree	ZZ00224436
Non-Hazardous Mercury Impacted Sediment	WRTG-0169	1/4/10	21.73	Greentree	ZZ00224437
Non-Hazardous Mercury Impacted Sediment	WRTG-0170	1/4/10	22.60	Greentree	ZZ00224437 ZZ00224438
Non-Hazardous Mercury Impacted Sediment	WRTG-0171	1/4/10	24.14	Greentree	ZZ00224439
Non-Hazardous Mercury Impacted Sediment	WRTG-0172	1/4/10	26.10	Greentree	ZZ00224440
Non-Hazardous Mercury Impacted Sediment	WRTG-0173	1/4/10	24.19	Greentree	ZZ00224441
Non-Hazardous Mercury Impacted Sediment	WRTG-0174	1/4/10	24.07	Greentree	ZZ00224442
Non-Hazardous Mercury Impacted Sediment	WRTG-0175	1/4/10	27.00	Greentree	ZZ00224443
Non-Hazardous Mercury Impacted Sediment	WRTG-0176	1/4/10	23.77	Greentree	ZZ00224444
Non-Hazardous Mercury Impacted Sediment	WRTG-0177	1/4/10	23.41	Greentree	ZZ00224445
Non-Hazardous Mercury Impacted Sediment	WRTG-0178	1/4/10	23.85	Greentree	ZZ00224446
Non-Hazardous Mercury Impacted Sediment	WRTG-0179	1/4/10	25.52	Greentree	ZZ00224447
Non-Hazardous Mercury Impacted Sediment	WRTG-0180	1/4/10	24.94	Greentree	ZZ00224448
Non-Hazardous Mercury Impacted Sediment	WRTG-0181	1/4/10	18.24	Greentree	ZZ00224449
Non-Hazardous Mercury Impacted Sediment	WRTG-0182	1/4/10	21.55	Greentree	ZZ00224450
Non-Hazardous Mercury Impacted Sediment	WRTG-0183	1/4/10	24.55	Greentree	ZZ00224451
Non-Hazardous Mercury Impacted Sediment	WRTG-0184	1/5/10	24.83	Greentree	ZZ00224452
Non-Hazardous Mercury Impacted Sediment	WRTG-0185	1/5/10	17.53	Greentree	ZZ00224453
Non-Hazardous Mercury Impacted Sediment	WRTG-0186	1/5/10	24.10	Greentree	ZZ00224454
Non-Hazardous Mercury Impacted Sediment	WRTG-0187	1/5/10	22.53	Greentree	ZZ00224455
Non-Hazardous Mercury Impacted Sediment	WRTG-0188	1/5/10	23.62	Greentree	ZZ00224456
Non-Hazardous Mercury Impacted Sediment	WRTG-0189	1/5/10	18.76	Greentree	ZZ00224457
Non-Hazardous Mercury Impacted Sediment	WRTG-0190	1/5/10	20.93	Greentree	ZZ00224458
Non-Hazardous Mercury Impacted Sediment	WRTG-0191	1/5/10	23.00	Greentree	ZZ00224459
Non-Hazardous Mercury Impacted Sediment	WRTG-0192	1/5/10	19.86	Greentree	ZZ00224460
Non-Hazardous Mercury Impacted Sediment	WRTG-0193	1/5/10	22.55	Greentree	ZZ00224461
Non-Hazardous Mercury Impacted Sediment	WRTG-0194	1/5/10	19.71	Greentree	ZZ00224462
Non-Hazardous Mercury Impacted Sediment	WRTG-0195	1/5/10	20.20	Greentree	ZZ00224463
Non-Hazardous Mercury Impacted Sediment	WRTG-0196	1/5/10	23.50	Greentree	ZZ00224464
Non-Hazardous Mercury Impacted Sediment	WRTG-0197	1/5/10	23.23	Greentree	ZZ00224465
Non-Hazardous Mercury Impacted Sediment	WRTG-0198	1/5/10	25.23	Greentree	ZZ00224466
Non-Hazardous Mercury Impacted Sediment	WRTG-0199	1/5/10	24.27	Greentree	ZZ00224467
Non-Hazardous Mercury Impacted Sediment	WRTG-0200	1/5/10	22.49	Greentree	ZZ00224468
Non-Hazardous Mercury Impacted Sediment	WRTG-0201	1/5/10	28.36	Greentree	ZZ00224469
Non-Hazardous Mercury Impacted Sediment	WRTG-0202	1/5/10	26.67	Greentree	ZZ00224470
Non-Hazardous Mercury Impacted Sediment	WRTG-0203	1/6/10	29.71	Greentree	ZZ00224471
Non-Hazardous Mercury Impacted Sediment	WRTG-0204	1/6/10	25.16	Greentree	ZZ00224472
Non-Hazardous Mercury Impacted Sediment	WRTG-0205	1/6/10	20.35	Greentree	ZZ00224473
Non-Hazardous Mercury Impacted Sediment	WRTG-0206	1/6/10	25.47	Greentree	ZZ00224474
Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment	WRTG-0207	1/6/10	25.47	Greentree	ZZ00224475
	WRTG-0208	1/6/10	26.17	Greentree	ZZ00224476
Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment	WRTG-0209	1/6/10	22.20	Greentree	ZZ00224477
Non-Hazardous Mercury Impacted Sediment	WRTG-0210	1/6/10	23.80	Greentree	ZZ00224478
Non-Hazardous Mercury Impacted Sediment	WRTG-0211	1/6/10	21.70	Greentree	ZZ00224479
Non-Hazardous Mercury Impacted Sediment	WRTG-0212	1/6/10	25.51	Greentree	ZZ00224480
Non-Hazardous Mercury Impacted Sediment	WRTG-0213 WRTG-0214	1/6/10 1/6/10	22.60	Greentree	ZZ00224481
Non-Hazardous Mercury Impacted Sediment	WRTG-0215	1/6/10	23.47	Greentree	ZZ00224482
Non-Hazardous Mercury Impacted Sediment	WRTG-0216	1/6/10	26.21 23.09	Greentree	ZZ00224483
Non-Hazardous Mercury Impacted Sediment	WRTG-0217	1/6/10	25.80	Greentree	ZZ00224484
Non-Hazardous Mercury Impacted Sediment	WRTG-0218	1/6/10	25.58	Greentree Greentree	ZZ00224485
Non-Hazardous Mercury Impacted Sediment	WRTG-0219	1/6/10	23.73	Greentree	ZZ00224486 ZZ00224487
Non-Hazardous Mercury Impacted Sediment	WRTG-0220	1/6/10	26.58	Greentree	
Non-Hazardous Mercury Impacted Sediment	WRTG-0221	1/6/10	24.32	Greentree	ZZ00224488 ZZ00224489
Non-Hazardous Mercury Impacted Sediment	WRTG-0222	1/6/10	21.40	Greentree	ZZ00224489 ZZ00224490
Non-Hazardous Mercury Impacted Sediment	WRTG-0223	1/7/10	27.23	Greentree	ZZ00224490 ZZ00224491
Non-Hazardous Mercury Impacted Sediment	WRTG-0224	1/7/10	25.16	Greentree	ZZ00224491 ZZ00224492
Non-Hazardous Mercury Impacted Sediment	WRTG-0225	1/7/10	24.92	Greentree	ZZ00224492 ZZ00224493
Non-Hazardous Mercury Impacted Sediment	WRTG-0226	1/7/10	23.20	Greentree	ZZ00224493 ZZ00224494
Non-Hazardous Mercury Impacted Sediment	WRTG-0227	1/7/10	24.06	Greentree	
Non-Hazardous Mercury Impacted Sediment	WRTG-0228	1/7/10	26.11	Greentree	ZZ00224495
Non-Hazardous Mercury Impacted Sediment	WRTG-0229	1/7/10	23.00	Greentree	ZZ00224496
Non-Hazardous Mercury Impacted Sediment	WRTG-0230	1/7/10	22.35	Greentree	ZZ00224497
Non-Hazardous Mercury Impacted Sediment	WRTG-0231	1/7/10	27.19		ZZ00224498
Non-Hazardous Mercury Impacted Sediment	WRTG-0232	1/7/10	25.75	Greentree	ZZ00224499
The same and the s	WRTG-0232	1/7/10	26.46	Greentree	ZZ00224500
Non-Hazardous Mercury Impacted Sediment			40.40	Greentree	ZZ00224064
Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment					
Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment	WRTG-0234	1/7/10	24.80	Greentree	ZZ00224065
Non-Hazardous Mercury Impacted Sediment					

Table 3 - Excavated Sediment Disposal as of February 5, 2010 West Riser Tide Gate Sediment Removal Action Wood-Ridge and Carlstadt, New Jersey

Waste Stream ¹	Manifest Number ²	Date Shipped	Quantity (tons)	Disposal Facility 3	Shipping Document Number
Non-Hazardous Mercury Impacted Sediment	WRTG-0238	1/7/10	22.43	Greentree	ZZ00224069
Non-Hazardous Mercury Impacted Sediment	WRTG-0239	1/7/10	22.52	Greentree	ZZ00224070
Non-Hazardous Mercury Impacted Sediment	WRTG-0240	1/7/10	21.86	Greentree	ZZ00224071
Non-Hazardous Mercury Impacted Sediment	WRTG-0241	1/7/10	24.53	Greentree	ZZ00224072
Non-Hazardous Mercury Impacted Sediment	WRTG-0242	1/7/10	23.78	Greentree	ZZ00224073
Non-Hazardous Mercury Impacted Sediment	WRTG-0243	1/8/10	25.38	Greentree	ZZ00224074
Non-Hazardous Mercury Impacted Sediment	WRTG-0244	1/8/10	22.65	Greentree	ZZ00224075
Non-Hazardous Mercury Impacted Sediment	WRTG-0245	1/8/10	29.43	Greentree	ZZ00224076
Non-Hazardous Mercury Impacted Sediment	WRTG-0246	1/8/10	23.95	Greentree	ZZ00224077
Non-Hazardous Mercury Impacted Sediment	WRTG-0247	1/8/10	23.57	Greentree	ZZ00224078
Non-Hazardous Mercury Impacted Sediment	WRTG-0248	1/8/10	22.44	Greentree	ZZ00224079
Non-Hazardous Mercury Impacted Sediment	WRTG-0249	1/8/10	23.53	Greentree	ZZ00224080
Non-Hazardous Mercury Impacted Sediment	WRTG-0250	1/8/10	24.42	Greentree	ZZ00224081
Non-Hazardous Mercury Impacted Sediment	WRTG-0251	1/8/10	24.83	Greentree	ZZ00224082
Non-Hazardous Mercury Impacted Sediment	WRTG-0252	1/8/10	29.94	Greentree	ZZ00224083
Non-Hazardous Mercury Impacted Sediment	WRTG-0253	1/8/10	29.11	Greentree	ZZ00225661
Non-Hazardous Mercury Impacted Sediment	WRTG-0254	1/8/10	22.02	Greentree	ZZ00225662
Non-Hazardous Mercury Impacted Sediment	WRTG-0255	1/8/10	22.33	Greentree	ZZ00225663
Non-Hazardous Mercury Impacted Sediment	WRTG-0256	1/8/10	23.17	Greentree	
Non-Hazardous Mercury Impacted Sediment	WRTG-0257	1/8/10	23.84	Greentree	ZZ00225664
Non-Hazardous Mercury Impacted Sediment	WRTG-0258	1/8/10	20.06		ZZ00225665
Non-Hazardous Mercury Impacted Sediment	WRTG-0259	1/8/10		Greentree	ZZ00225666
Non-Hazardous Mercury Impacted Sediment	WRTG-0259		26.16	Greentree	ZZ00225667
Non-Hazardous Mercury Impacted Sediment	WRTG-0261	1/8/10	21.72	Greentree	ZZ00225668
Non-Hazardous Mercury Impacted Sediment		1/11/10	28.46	Greentree	ZZ00225669
Non-Hazardous Mercury Impacted Sediment	WRTG-0262	1/11/10	26.67	Greentree	ZZ00225670
Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment	WRTG-0263	1/11/10	27.45	Greentree	ZZ00225671
Non-Hazardous Mercury Impacted Sediment Non-Hazardous Mercury Impacted Sediment	WRTG-0264	1/11/10	22.67	Greentree	ZZ00225672
	WRTG-0265	1/11/10	24.75	Greentree	ZZ00225673
Non-Hazardous Mercury Impacted Sediment	WRTG-0266	1/11/10	26.84	Greentree	ZZ00225674
Non-Hazardous Mercury Impacted Sediment	WRTG-0267	1/11/10	22.77	Greentree	ZZ00225675
Non-Hazardous Mercury Impacted Sediment	WRTG-0268	1/11/10	24.45	Greentree	ZZ00225676
Non-Hazardous Mercury Impacted Sediment	WRTG-0269	1/11/10	18.89	Greentree	ZZ00225677
Non-Hazardous Mercury Impacted Sediment	WRTG-0270	1/11/10	21.23	Greentree	ZZ00225678
Non-Hazardous Mercury Impacted Sediment	WRTG-0271	1/11/10	21.47	Greentree	ZZ00225679
Non-Hazardous Mercury Impacted Sediment	WRTG-0272	1/11/10	24.01	Greentree	ZZ00225680
Non-Hazardous Mercury Impacted Sediment	WRTG-0273	1/11/10	23.10	Greentree	ZZ00225681
Non-Hazardous Mercury Impacted Sediment	WRTG-0274	1/11/10	21.71	Greentree	ZZ00225682
Non-Hazardous Mercury Impacted Sediment	WRTG-0275	1/11/10	27.46	Greentree	ZZ00225683
Non-Hazardous Mercury Impacted Sediment	WRTG-0276	1/11/10	23.00	Greentree	ZZ00225684
Non-Hazardous Mercury Impacted Sediment	WRTG-0277	1/11/10	22.33	Greentree	ZZ00225685
Non-Hazardous Mercury Impacted Sediment	WRTG-0278	1/11/10	25.48	Greentree	ZZ00225686
Non-Hazardous Mercury Impacted Sediment	WRTG-0279	1/11/10	26.62	Greentree	ZZ00225687
Non-Hazardous Mercury Impacted Sediment	WRTG-0280	1/13/10	23.00	Greentree	ZZ00225688
Hazardous Mercury Impacted Sediment	9376721-8	1/13/10	23.00	Stablex	006049428
Hazardous Mercury Impacted Sediment	9376722-6	1/13/10	23.00	Stablex	006049429
Hazardous Mercury Impacted Sediment	9376723-4	1/13/10	23.00	Stablex	006049430
Hazardous Mercury Impacted Sediment	9376724-2	1/13/10	23.00	Stablex	006049431
Hazardous Mercury Impacted Sediment	9376725-9	1/13/10	23.00	Stablex	006049432
Hazardous Mercury Impacted Sediment	9376726-7	1/13/10	23.00	Stablex	006049433
Hazardous Mercury Impacted Sediment	9376727-5	1/14/10	23.00	Stablex	006049434
Hazardous Mercury Impacted Sediment	9376728-3	1/14/10	23.00	Stablex	006049435

Notes:

¹ Excavated sediment sent for offsite disposal was classified as non-hazardous pursuant to 40 CFR 261 except where noted

² A manifest was assigned to disposal shipments, including non-hazardous soils. Manifest tracking was performed by Veolia Environmental Services.

³ Greentree Landfill located in Kersey, Pennsylvania, operated by Veolia Environmental Services.

